

Condensed imidazopyridine derivatives with psychotropic activity.

Publication number: JP5286973 (A)

Publication date: 1993-11-02

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Classification:

- international:

A61K31/435; A61K31/47; A61P25/20; A61P25/26;
A61P25/28; C07D471/04; C07D471/14; C07D491/14;
C07D491/147; C07D495/04; C07D495/14; A61K31/435;
A61K31/47; A61P25/00; C07D471/00; C07D491/00;
C07D495/00; (IPC1-7): A61K31/435; A61K31/47;
C07D471/04; C07D471/14; C07D491/147; C07D495/14

- European:

C07D471/04; C07D471/14; C07D491/14; C07D495/14

Application number: JP19930022444 19930210

Priority number(s): JP19920059347 19920212

Also published as:

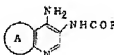
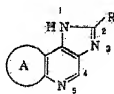
JP2863396 (B2)
EP0556008 (A1)
EP0556008 (B1)
US5378848 (A)
KR100242398 (B1)

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Abstract of JP 5286973 (A)

PURPOSE:To obtain a novel compound which is useful as an anxiolytic agent, a narcotic antagonist or a cerebral function activator because it has high affinity to benzodiazepine receptor.

CONSTITUTION:A compound of formula I [R is (substituted) aryl, (substituted) aromatic heterocyclic ring; ring A is an alicyclic ring of 5 to 9 members], for example, 2-[3-(isoxazolyl)-1,6,7,9-tetrahydroimidazo[4,5-d]pyrano[4,3-b]pyridine. The compound of formula II is obtained by reaction of a compound of formula I with an acylating agent such as benzoyl chloride in a solvent such as pyridine followed by ring-closing reaction of the resultant compound of formula III.



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